

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Kazuo YAMAMOTO, et al.
Title: CARBOHYDRATE LIBRARY CONSTRUCTED BY GENE
ALTERATION OF CARGO RECEPTORS
Appl. No.: 10/525,020
Filing Date: 2/18/2005
Examiner: Unassigned
Art Unit: Unassigned

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.56

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56.

A copy of each non-U.S. patent document and each non-patent document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

TIMING OF THE DISCLOSURE

The listed documents are being submitted in compliance with 37 CFR §1.97(b), before the mailing date of the first Office Action on the merits.

RELEVANCE OF EACH DOCUMENT


All of the documents are in English.

Applicants respectfully request that each listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Respectfully submitted,

Date 13 June 2005

By 

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Substitute for form 1449B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/525,020
				Filing Date	2/18/2005
Date Submitted: June 13, 2005				First Named Inventor	Kazuo YAMAMOTO, et al.
				Group Art Unit	Unassigned
(use as many sheets as necessary)				Examiner Name	Unassigned
				Attorney Docket Number	081356-0233
Sheet	1	of	2		

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	A1	Yoko HIRAI, et al., "VIP36 Bunshi no Kaihen ni yoru Saibonai Sorting Katei no Henka", Nihon Yakugakkai Dai 121 nenkai Yoshishu, 05 March, 2001 (05.03.01), page 7	
	A2	Takayo UENO, et al., "ERGIC-53 no Kaihen ni okeru Saibonai Transport nit suite", Nihon Yakugakkai Dai 121 nenkai Yoshishu, 05 March, 2001 (05.03.01), page 9	
	A3	YAMAMOTO, K. et al., Cyborg lectins: novel leguminous lectins with unique specificities. J. Biochem., January, 2000, Vol. 127, No. 1, pages 137 to 142	
	A4	YAMAMOTO, K. et al., A chimeric lectin formed from Bauhinia purpurea lectin and Lens culinaris lectin recognizes a unique carbohydrate structure. J. Biochem., January, 2000, Vol. 127, No. 1, pages 129 to 135	
	A5	YAMAMOTO, K. et al., Analysis of asparagines-linked oligosaccharides by sequential lectin-affinity chromatography., Methods Mol. Biol., 1998, Vol. 76, pages 35 to 51	
	A6	HAURI, H.P. et al., ERGIC-53 and traffic in the secretory pathway., J. Cell Sci., February, 2000, Vol. 113, Pt. 4, pages 587 to 596	
	A7	VELLOSO, L.M. et al., Crystal structure of the carbohydrate recognition domain of p58/ERGIC-53, a protein involved in glycoprotein export from the endoplasmic reticulum., J. Biol. Chem., 03 May, 2002 (03.05.02), Vol. 277, No. 18, pages 15979 to 15984	
	A8	APPENZELLER, C. et al., The lectin ERGIC-53 is a cargo transport receptor for glycoproteins. Nat. Cell Biol., 1999, Vol. 1, No. 6, pages 330 to 334	
	A9	HAURI, H. et al., Lectins and traffic in the secretory pathway., FEBS Lett., 30 June, 2000 (30.06.00), Vol. 476, Nos. 1 to 2, pages 32 to 37	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

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Sheet	2	of	2		

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	A10	Kazuo YAMAMOTO, "Shokubutsu Mame-ka Lectin no Touse Ninshiki Kiko to cargo receptor Kaihen ni yoru Oyo", Dai 25 kai The Molecular Biology Society of Japan nenkai Program Koen Yoshishu, 25 November, 2002 (25.11.02), page 410	

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